Industrial

Device Server RS232/422/485 to 10/100BASE-TX

stand-alone industrial device server

SDSFE3110-120

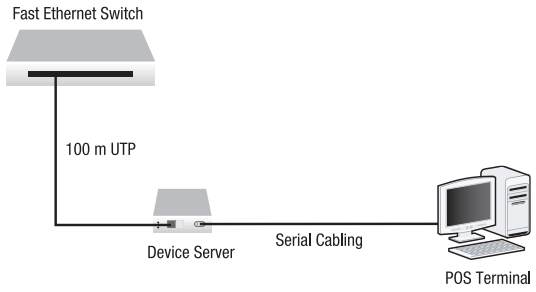
Remotely Managed Device Server

Transition Networks' Device Servers provide a serial-to-Ethernet conversion to enable customers to integrate any legacy serial-based device into their Ethernet networks. Network-enable serial based devices quickly and cost-effectively with these serial-to-Ethernet device servers. The device server can connect to RS-232, RS-422 or RS-485 serial ports and provides a 10/100BASE-TX Ethernet connection.

Features

- AutoCross™
- Auto-Negotiation
- Remote Management
- Supports asynchronous serial data rates up to 115 Kbps
- Supports RS-232, 4-wire RS-422 or 2/4-wire RS485 operation
- Control up to 4,096 virtual COM ports from one PC
- DIN Rail Mounting Brackets included

Network Enable Serial Devices



Specifications

Standards	EIA/TIA RS-232/422/485, EIA/TIA-574, IEEE Std. 802.3
Data Rate	**Serial:** 115 Kbps **RJ-45:** 10/100 Mbps
Drivers	Windows 95, 98, ME, 2000, 2003, XP, NT 4.0 Microsoft NT/2000/2003 Terminal Server
Switches	**Switch 1:** ON = console serial port (RS-232); OFF = data serial port **Switch 2:** RS-232 mode on/off **Switch 3:** RS-422/485 (4-wire) mode on/off **Switch 4:** RS-485 (2-wire) mode on/off **Switch 7:** Termination resistor on/off
Status LEDs	**PWR (Power):** ON = power connected **100 (RJ-45):** ON = Link at 100 Mbps **LNK/ACT (RJ-45):** ON = UTP link; FLASHING = activity **POST:** ON = Power On Self Test successful **ACT (serial):** ON = Serial link FLASHING = activity
Dimensions	Width: 3.5" [90 mm] Depth: 4.3" [109 mm] Height: 1.3" [32 mm]
Input Power	External AC/DC; 9 to 32 VDC, 0.8A
Environment	0 to +50°C std. Operating temp. 5 – 90% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lb. [0.90 kg]
Compliance	CISPR22/EN55022 Class A + EN55024; EN60950 Class A; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Information

SDSFE3110-120
DB-9 **[15 m/49 ft.]*** to RJ-45 [100 m/328 ft.]

**Max. distance on the serial port is dependent on protocol:*
15 m/49 ft. (RS-232)
1.2 km/0.7 mi. (RS-422/485)

TRANSITION NETWORKS